

Serial Number: 09/890,891

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 11/29/2007

Edited by: IN/A

Corrctd by: IN/A

(STIC stat)

**ENTERED**

☐

Changed a file from non-ASCII to ASCII

☐

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐

Edited a formal error in the Current Application Data section, specifically:

☐

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other

☐

Added the mandatory heading and subheadings for "Current Application Data".

☐

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☐

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

☐

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐

Inserted colons after headings/subheadings. Headings edited included:

☐

Deleted extra, invalid, headings used by an applicant, specifically:

☒

Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/lastname at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as

☐

Inserted mandatory headings, specifically:

☐

Corrected an obvious error in the response, specifically:

☐

Edited identifiers where upper case is used but lower case is required, or vice versa.

☐

Corrected an error in the Number of Sequences field, specifically:

☐

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PalenIn bug). Sequences corrected:

☐

Other:

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING                      DATE: 10/09/2001  
 PATENT APPLICATION: US/09/890,891              TIME: 14:27:47

Input Set : A:\PTO.AMC.txt  
 Output Set: N:\CRF3\10092001\I890891.raw

```

5 <110> APPLICANT: KNIGHT, Julian Charles
7   KWIATKOWSKI, Dominic Peter
11 <120> TITLE OF INVENTION: MODULATOR OF INFLAMMATION
15 <130> FILE REFERENCE: I0317/7001 ERP/RE/CSM
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/890,891
21 <141> CURRENT FILING DATE: 2001-08-07
25 <150> PRIOR APPLICATION NUMBER: PCT/GB00/00414
27 <151> PRIOR FILING DATE: 2000-02-09
31 <160> NUMBER OF SEQ ID NOS: 38
35 <170> SOFTWARE: PatentIn version 3.1
39 <210> SEQ ID NO: 1
41 <211> LENGTH: 18
43 <212> TYPE: DNA
45 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 1
50 gcatcctgtc tggaaagt      18
53 <210> SEQ ID NO: 2
55 <211> LENGTH: 18
57 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
63 <400> SEQUENCE: 2
64 gcatcctgtc tggaaatt      18
67 <210> SEQ ID NO: 3
69 <211> LENGTH: 14
71 <212> TYPE: DNA
73 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 3
78 acagaccaca gacc      14
81 <210> SEQ ID NO: 4
83 <211> LENGTH: 35
85 <212> TYPE: DNA
C--> 87 <213> ORGANISM: Artificial
89 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence:
93   oligonucleotide containing binding site
94   for the 21kDa DNA binding protein
98 <400> SEQUENCE: 4
99 gttctatctt ttctctgcat cctgtctgga agtta      35
102 <210> SEQ ID NO: 5
104 <211> LENGTH: 25
106 <212> TYPE: DNA
C--> 108 <213> ORGANISM: Artificial
112 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
containing
116   binding site for the 30kDa DNA binding protein
120 <400> SEQUENCE: 5
121 tagaaggaaa cagaccacag acctg      25

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/890,891  
 DATE: 10/09/2001  
 TIME: 14:27:47

Input Set : A:\PTO.AMC.txt  
 Output Set: N:\CRF3\10092001\I890891.raw

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124 <210> SEQ ID NO: 6
126 <211> LENGTH: 20
128 <212> TYPE: DNA
C--> 130 <213> ORGANISM: Artificial
132 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide probe
for PCR
135     ELISA
139 <400> SEQUENCE: 6
140 ctgtctggaa gtagaagga                20
143 <210> SEQ ID NO: 7
145 <211> LENGTH: 20
147 <212> TYPE: DNA
C--> 149 <213> ORGANISM: Artificial
151 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide probe
for PCR
154     ELISA
158 <400> SEQUENCE: 7
159 ctgtctggaa attagaagga                20
162 <210> SEQ ID NO: 8
164 <211> LENGTH: 35
166 <212> TYPE: DNA
C--> 168 <213> ORGANISM: Artificial
170 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
containing
173     binding site for the 21kDa DNA binding protein
177 <400> SEQUENCE: 8
178 caagatagaa aaaggacgta ggacagacct tcaat        35
181 <210> SEQ ID NO: 9
183 <211> LENGTH: 25
185 <212> TYPE: DNA
C--> 187 <213> ORGANISM: Artificial
189 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
containing
192     binding site for the 30kDa DNA binding protein
194 <400> SEQUENCE: 9
195 atcttccttt gtctgggtgc tggac                25
198 <210> SEQ ID NO: 10
200 <211> LENGTH: 26
202 <212> TYPE: DNA
C--> 204 <213> ORGANISM: Artificial
206 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence: EGR site
210 <400> SEQUENCE: 10
211 agctaaatcc ccgccccgc gatgga                26
214 <210> SEQ ID NO: 11
216 <211> LENGTH: 20
218 <212> TYPE: DNA
C--> 220 <213> ORGANISM: Artificial
222 <220> FEATURE:

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/890,891  
 DATE: 10/09/2001  
 TIME: 14:27:47

Input Set : A:\PTO.AMC.txt  
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```

224 <223> OTHER INFORMATION: Description of Artificial Sequence: Antisense primer
228 <400> SEQUENCE: 11
229 gttggggaca cacaagcatc                                20
232 <210> SEQ ID NO: 12
234 <211> LENGTH: 20
236 <212> TYPE: DNA
C--> 238 <213> ORGANISM: Artificial
242 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Biotinylated primer
250 <400> SEQUENCE: 12
251 gcattatgag tctccgggctc                                20
254 <210> SEQ ID NO: 13
256 <211> LENGTH: 25
258 <212> TYPE: DNA
C--> 260 <213> ORGANISM: Artificial
262 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligoduplex probe
matching
265      Oct-1 binding site from the human histone 2b gene
269 <400> SEQUENCE: 13
270 agcttcgctt atgcaataaa ggtga                            25
273 <210> SEQ ID NO: 14
275 <211> LENGTH: 20
277 <212> TYPE: DNA
C--> 279 <213> ORGANISM: Artificial
281 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: Allele-specific capture
probe
284      used for TNF-238
288 <400> SEQUENCE: 14
289 cctcggaatc ggagcaggga                                20
292 <210> SEQ ID NO: 15
294 <211> LENGTH: 20
296 <212> TYPE: DNA
C--> 298 <213> ORGANISM: Artificial
302 <220> FEATURE:
304 <223> OTHER INFORMATION: Description of Artificial Sequence: Allele-specific capture
probe
305      used for TNF-238
307 <400> SEQUENCE: 15
308 cctcggaatc agagcaggga                                20
311 <210> SEQ ID NO: 16
313 <211> LENGTH: 20
315 <212> TYPE: DNA
C--> 317 <213> ORGANISM: Artificial
319 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence: Allele-specific capture.
probe
322      used for TNF-238
326 <400> SEQUENCE: 16
327 ctgtctggaa gtagaagga                                20
330 <210> SEQ ID NO: 17
332 <211> LENGTH: 20

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 DATE: 10/09/2001  
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Input Set : A:\PTO.AMC.txt  
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```

334 <212> TYPE: DNA
C--> 336 <213> ORGANISM: Artificial
338 <220> FEATURE:
340 <223> OTHER INFORMATION: Description of Artificial Sequence: Allele-specific capture
probe
341     used for TNF-238
345 <400> SEQUENCE: 17
346 ctgtctggaa attagaagga                20
349 <210> SEQ ID NO: 18
351 <211> LENGTH: 39
353 <212> TYPE: DNA
C--> 355 <213> ORGANISM: Artificial
357 <220> FEATURE:
359 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe designed to bind
to alpha
360     site
364 <400> SEQUENCE: 18
365 agctgttcta tcttttctct gcatcctgtc tggaagtta        39
368 <210> SEQ ID NO: 19
370 <211> LENGTH: 39
372 <212> TYPE: DNA
C--> 374 <213> ORGANISM: Artificial
376 <220> FEATURE:
378 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe designed to bind
to alpha
379     site
383 <400> SEQUENCE: 19
384 agcttaactt ccagacagga tgcaggaaaa agatagaac        39
387 <210> SEQ ID NO: 20
389 <211> LENGTH: 29
391 <212> TYPE: DNA
C--> 393 <213> ORGANISM: Artificial
395 <220> FEATURE:
397 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe designed to bind
to beta
398     site
402 <400> SEQUENCE: 20
403 agcttagaag gaaacagacc acagacctg                29
406 <210> SEQ ID NO: 21
408 <211> LENGTH: 29
410 <212> TYPE: DNA
C--> 412 <213> ORGANISM: Artificial
414 <220> FEATURE:
416 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe designed to bind
to beta
417     site
421 <400> SEQUENCE: 21
422 agctcaggtc tgtgtctctg ttccttcta                29
425 <210> SEQ ID NO: 22
427 <211> LENGTH: 29
429 <212> TYPE: DNA
C--> 431 <213> ORGANISM: Artificial
433 <220> FEATURE:

```

'435 <223> OTHER INFORMATION: Description of Artificial Sequence: Beta site probe

RAW SEQUENCE LISTING                      DATE: 10/09/2001  
 PATENT APPLICATION: US/09/890,891              TIME: 14:27:47

Input Set : A:\PTO.AMC.txt  
 Output Set: N:\CRF3\10092001\I890891.raw

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439 <400> SEQUENCE: 22
440 agcttagaag gaaacagacc acagacctg      29
443 <210> SEQ ID NO: 23
445 <211> LENGTH: 25
447 <212> TYPE: DNA
C--> 449 <213> ORGANISM: Artificial
453 <220> FEATURE:
455 <221> NAME/KEY: misc_binding
457 <222> LOCATION: (25)..(25)
459 <223> OTHER INFORMATION: biotin
461 <220> FEATURE:
463 <223> OTHER INFORMATION: Description of Artificial Sequence: Beta site probe
467 <400> SEQUENCE: 23
468 atcttccttt gtctggtgc tggac      25
471 <210> SEQ ID NO: 24
473 <211> LENGTH: 39
475 <212> TYPE: DNA
C--> 477 <213> ORGANISM: Artificial
479 <220> FEATURE:
481 <223> OTHER INFORMATION: Description of Artificial Sequence: Alpha site probe
485 <400> SEQUENCE: 24
486 agctgttcta tcttttcct gcatcctgct tggaaagtta      39
489 <210> SEQ ID NO: 25
491 <211> LENGTH: 35
493 <212> TYPE: DNA
C--> 495 <213> ORGANISM: Artificial
497 <220> FEATURE:
499 <223> OTHER INFORMATION: Description of Artificial Sequence: Alpha site probe
503 <220> FEATURE:
505 <221> NAME/KEY: misc_binding
507 <222> LOCATION: (35)..(35)
509 <223> OTHER INFORMATION: biotin
513 <400> SEQUENCE: 25
514 caagatagaa aaaggacgta ggacagacct tcaat      35
517 <210> SEQ ID NO: 26
519 <211> LENGTH: 35
521 <212> TYPE: DNA
C--> 523 <213> ORGANISM: Artificial
525 <220> FEATURE:
527 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe alpha-A
531 <400> SEQUENCE: 26
532 gttctatctt ttctctgcat cctgtctgga aatta      35
535 <210> SEQ ID NO: 27
537 <211> LENGTH: 22
539 <212> TYPE: DNA
C--> 541 <213> ORGANISM: Artificial
543 <220> FEATURE:
545 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe distal alpha
549 <400> SEQUENCE: 27

```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/890,891

DATE: 10/09/2001

TIME: 14:27:48

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\10092001\I890891.raw

L:19 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:87 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:108 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:130 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:149 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:168 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:187 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:204 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:220 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11  
L:238 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:260 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:279 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:298 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15  
L:317 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16  
L:336 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17  
L:355 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18  
L:374 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19  
L:393 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20  
L:412 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21  
L:431 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22  
L:449 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23  
L:477 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24  
L:495 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25  
L:523 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26  
L:541 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27  
L:559 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28  
L:577 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29  
L:595 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30  
L:621 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31  
L:643 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32  
L:665 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33  
L:738 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34  
L:809 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35  
L:891 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36  
L:964 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37  
L:1006 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38